This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

In this application, please amend the above-identified patent application, prior to examination, as follows:

Claims 1-14. (canceled)

15. (currently amended) A method for tightening skin, comprising:

providing a filament light source for delivering light energy to an area of skin;

placing a transmissive material in contact with an upper surface of the skin to be treated;

transmitting light energy from the light source through the transmissive material to the skin;

cooling the transmissive material;

wherein the light energy transmitted to the skin and the cooling of the transmissive material create an inverted temperature profile in the skin, such that the upper surface of the skin is cooler than an area of skin below the upper surface, and wherein the light energy provides for heating a volume dermis in the skin, which is at a depth of between 1 mm to 5 mm below the upper surface of the skin, to a treatment temperature which is at least 50°C, wherein the skin is tightened as a result of heating the volume of dermis ~~in the area of skin below the upper surface~~.

16. (previously presented) The method of claim 15 further comprising, starting the cooling of the transmissive material prior to transmitting light energy to the skin.

17. (previously presented) The method of claim 16 further comprising, continuing the cooling of the transmissive material during the transmission of light to the skin.

18. (previously presented) The method of claim 17, further comprising, continuing the cooling of the transmissive material after the termination of the transmission of light to the skin.

19. (previously presented) The method of claim 15, wherein light energy is transmitted through the transmissive material to the skin for a continuous period of time of between approximately 1.2 (one and two-tenths) seconds and 5 (five) seconds.

20. (previously presented) The method of claim 19 further comprising, starting the cooling of the transmissive material prior to transmitting light energy to the skin.

21. (previously presented) The method of claim 20 further comprising, continuing the cooling of the transmissive material during the transmission of light to the skin.

22. (previously presented) The method of claim 21, further comprising, continuing the cooling of the transmissive material after the termination of the transmission of light to the skin.

23. (currently amended) A method for tightening skin, comprising:

providing a broadband light source for delivering light energy to an area of skin;

placing a transmissive material in contact with an upper surface of the skin to be treated; and

transmitting light energy from the light source through the transmissive material to the skin, wherein light energy is transmitted through the transmissive material to the skin for a continuous period of time of between approximately 1.2 (one and two-tenths) seconds and 5 (five) seconds, and wherein the transmitted light energy operates to heat a volume dermis in the skin, which is at a depth of between 1 mm to 5 mm below the upper surface of the skin, to a treatment temperature which is at least 50°C.

24. (previously presented) The method of claim 23 further comprising:

cooling the transmissive material; and

wherein the light energy transmitted to the skin and the cooling of the transmissive material create an inverted temperature profile in the skin, such that the upper surface of the skin is cooler than an area of skin below the upper surface, wherein the skin is tightened as a result of heating of dermis in the area of skin below the upper surface.

25. (currently amended) The method of claim [[23]] 24 further comprising, starting the cooling of the transmissive material prior to transmitting light energy to the skin.

26. (currently amended) The method of claim [[23]] 24 further comprising, continuing the cooling of the transmissive material during the transmission of light to the skin.

27. (currently amended) The method of claim [[23]] 24, further comprising, continuing the cooling of the transmissive material after the termination of the transmission of light to the skin.

Claims 28-31. (canceled)

32. (new) The method of claim 22, further comprising providing a visual indication during a treatment time period which corresponds to a starting of the cooling transmissive material prior to transmitting light energy to an end of a cooling time period after the termination of the transmission of light to the skin.

33. (new) The method of claim 15, wherein the treatment temperature is at least 60°C.

34. (new) The method of claim 32, wherein the treatment temperature is at least 60°C.

35. (new) The method of claim 27, further comprising providing a visual indication during a treatment time period which corresponds to a starting of the cooling transmissive material prior to transmitting light energy to an end of a cooling time period after the termination of the transmission of light to the skin.

36. (new) The method of claim 24, wherein the treatment temperature is at least 60°C.

37. (new) The method of claim 35, wherein the treatment temperature is at least 60°C.